



CAPE COD
COMMISSION

FFY 2017 - 2021

Transportation Improvement Program (TIP) Development



March 11, 2016 – Cape Cod Joint Transportation Committee

Transportation Improvement Program (TIP)

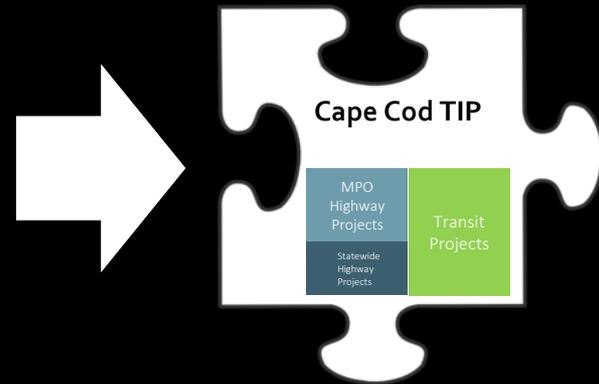
- + The TIP is a five-year schedule of regional priority roadway, transit, and multimodal projects receiving federal funding
- + Financial constraint is required for each year
- + Critical decisions must be made on which projects receive funding

Cape Cod Transportation Improvement Program (TIP)

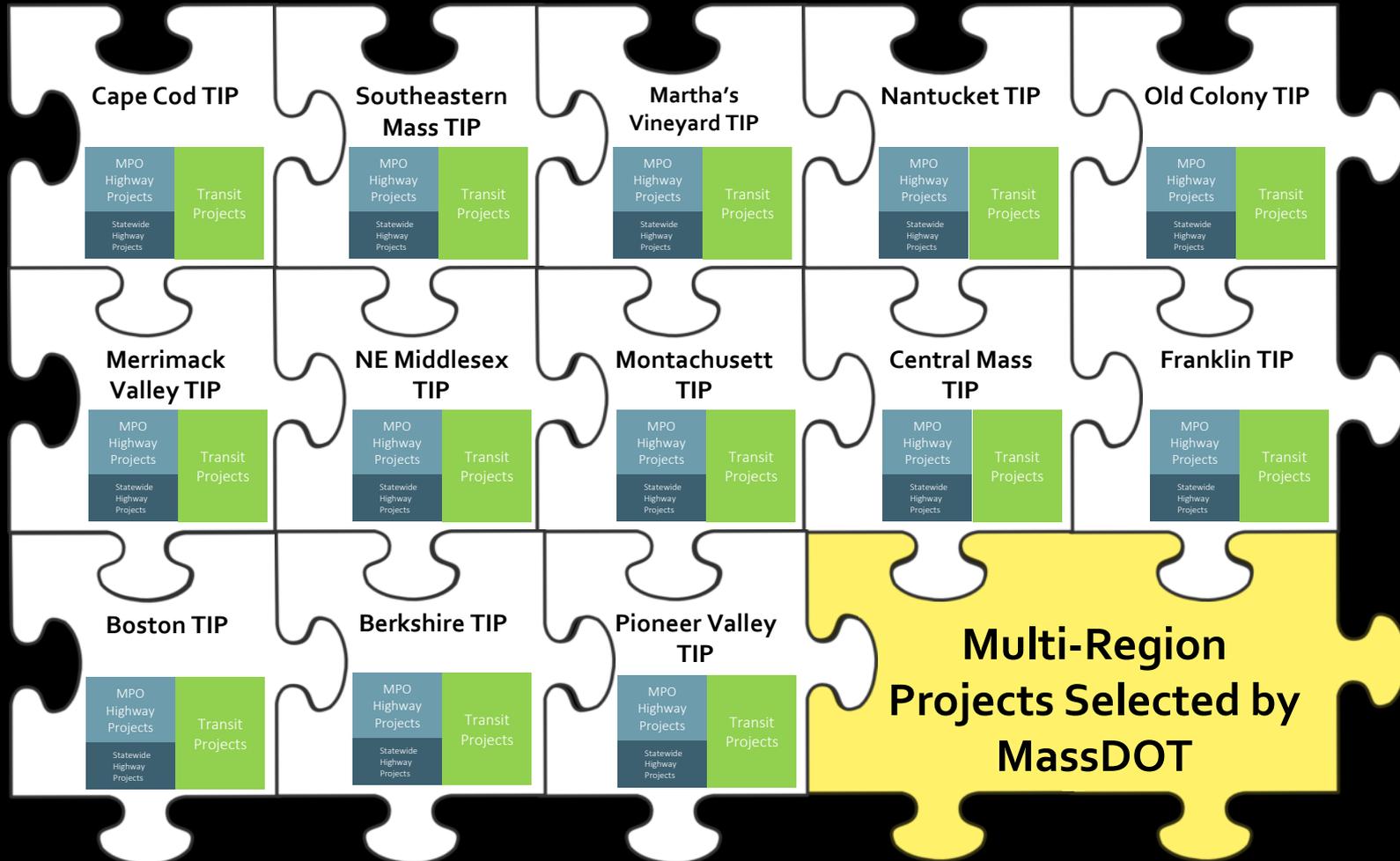
MPO
Highway
Projects

Statewide
Program Highway
Projects

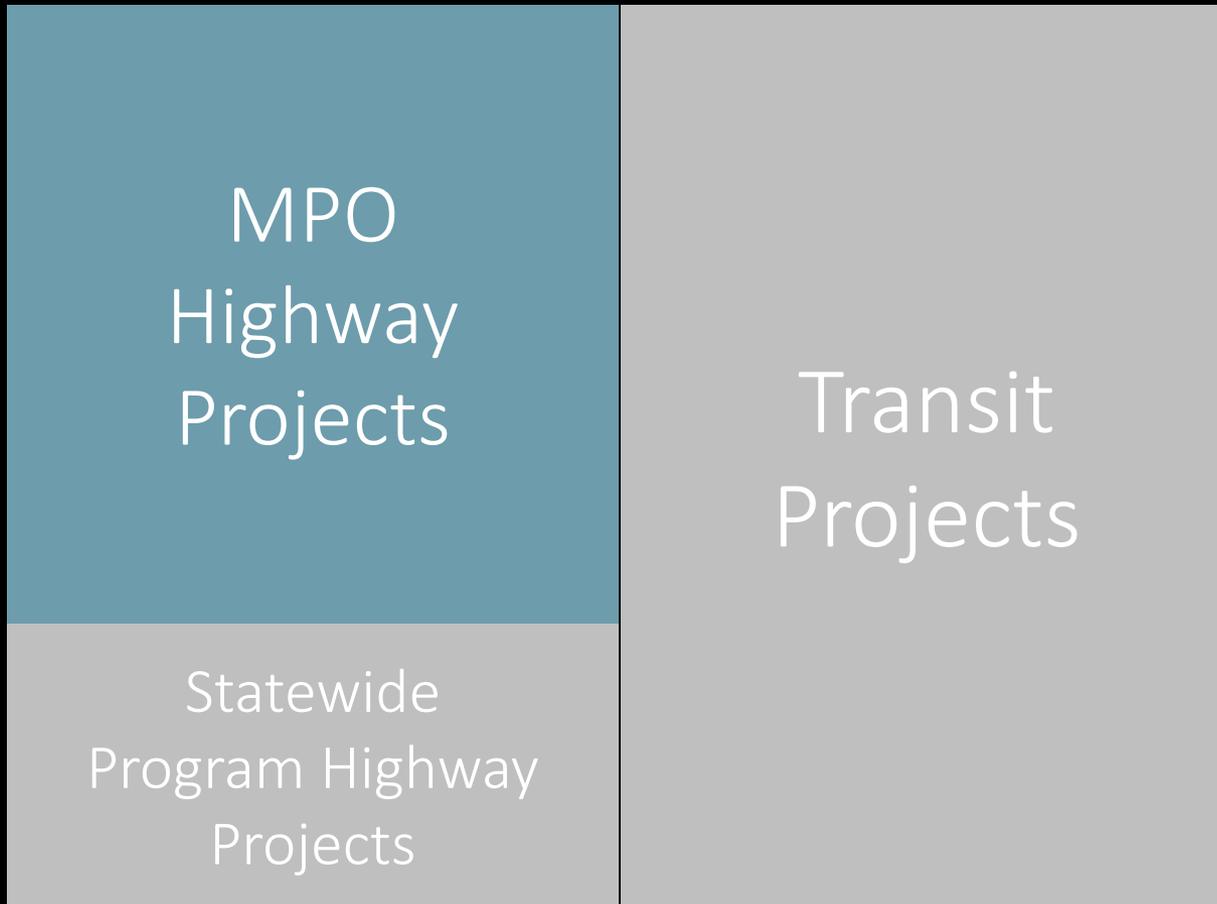
Transit
Projects



State Transportation Improvement Program (STIP)



Cape Cod Transportation Improvement Program (TIP)



*Estimates based on prior funding levels – likely to change with new information.

Highway Funding for MPO Projects

FFY 2017 – 2021 Regional Targets*

Year	STP	HSIP	CMAQ	TAP	TOTAL Regional Target with State Match
2017	\$7,348,079	\$458,514	\$1,432,857	\$232,306	\$9,471,756
2018	\$7,348,079	\$458,514	\$1,432,857	\$232,306	\$9,471,756
2019	\$7,814,284	\$458,514	\$1,432,857	\$178,764	\$9,884,419
2020	\$7,814,284	\$458,514	\$1,432,857	\$232,306	\$9,884,419
2021	\$7,814,284	\$458,514	\$1,432,857	\$232,306	\$9,884,419
2017-2021	\$38,139,010	\$2,292,570	\$7,164,285	\$1,107,988	\$49,009,432

STP - Surface Transportation Program

STP funds are for general highway projects in the region: roadways, intersections, and bridges.

HSIP - Highway Safety Improvement Program

HSIP funds are for projects designed to improve safety in the region's highest crash locations.

CMAQ - Congestion Mitigation and Air Quality Improvement Program

CMAQ funds are for projects designed to reduce congestion and improve air quality.

TAP - Transportation Alternatives Program

TAP is a new category in Moving Ahead for Progress in the 21st Century (MAP-21), for projects similar to those previously eligible under Transportation Enhancements, Recreational Trails, and/or Safe Routes to Schools

FFY 2016-19 MPO Highway Projects:

As programed in the FFY 2016-19 TIP

	2016	2017	2018	2019
MPO Projects	Orleans, Main St at Rte 28 and Main St at Rte 6A	Dennis, Rte 28 Corridor & Streetscape Improvements	Wellfleet, Rte 6 at Main St	Chatham, Rte 28 at Main St, Depot Rd, Queen Anne Rd and Crowell Rd
	\$3,547,482	\$4,063,064	\$2,240,000	\$2,400,000
	Barnstable, Rte 6 Exit 5 Lighting and Landscaping	Falmouth, Rte 28A at Rte 151	Barnstable, Rte 28 at Yarmouth Rd [\$6,400,598 TIP Total]	Mashpee, Rte 151 [remainder of project will be programmed in 2020]
	\$600,000	\$2,240,000	\$5,859,798	\$5,000,000
	Chatham, Rte 28 - George Ryder Rd to Barn Hill Rd	Barnstable, Rte 28 at Osterville-West Barnstable Rd	Barnstable, CCRTA Hyannis Villager Project (Year 3 of 3)	Bourne, Belmont Circle Traffic Improvements
	\$2,735,090	\$2,240,000	\$711,828	\$1,740,000
	Dennis-Yarmouth, Cape Cod Rail Trail Extension - Bass River Bridge [\$2,403,106 TIP Total]	Barnstable, CCRTA Hyannis Villager Project (Year 2 of 3)		
	\$307,026	\$685,464		
	Cape Cod, Bicycle Rack Program			
\$50,000				
Barnstable, CCRTA Hyannis Villager Project (Year 1 of 3)				
\$659,100				
Programmed	\$7,898,698	\$9,228,528	\$8,811,626	\$9,140,000
Target	\$8,004,511	\$9,471,756	\$9,884,419	\$9,884,419
Over/Under	\$105,813	\$243,228	\$1,072,793	\$744,419

FFY 2017-21 MPO Highway Project Discussion

	2017	2018	2019	2020	2021
MPO Projects	Dennis, Rte 28 Corridor & Streetscape Improvements	Wellfleet, Rte 6 at Main St	Chatham, Rte 28 at Main St, Depot Rd, Queen Anne Rd and Crowell Rd	Mashpee, Rte 151	
	\$4,063,064	\$2,240,000	\$2,400,000	\$4,570,000	
	Falmouth, Rte 28A at Rte 151	Barnstable, Rte 28 at Yarmouth Rd	Mashpee, Rte 151 [remainder of project will be programmed in 2020]		
	\$2,240,000	\$6,400,598	\$5,000,000		
	Barnstable, CCRTA Hyannis Villager Project (Year 2 of 3)	Barnstable, CCRTA Hyannis Villager Project (Year 3 of 3)	Bourne, Belmont Circle Traffic Improvements		
	\$685,464	\$711,828	\$1,740,000		
	Barnstable, Rte 28 at Osterville-West Barnstable Rd [\$2,403,106 TIP Total]				
	\$2,240,000				
Programmed	\$9,228,528	\$9,352,426	\$8,599,200	\$4,570,000	\$0
Target	\$9,471,756	\$9,884,419	\$9,884,419	\$9,884,419	\$9,884,419
Over/Under	\$243,228	\$531,993	\$1,285,219	\$5,314,419	\$9,884,419
Unprogrammed Projects	Project Description			Estimated Cost	
	Yarmouth, Rte 6 Exit 8 Ramps			\$5,000,400	
	Bourne, Rte 6 Scenic Highway Median Installation			\$8,000,000	
	Sandwich, Shared Use Path along Service Road from Rte 130 to Chase Rd			\$5,000,400	
	Dennis, Route 28 Corridor and Streetcape Improvement (Phase II)			\$4,500,000	
	Dennis-Harwich, Resurfacing & Related Work			\$2,461,059	
	Barnstable, Route 132 at Route 6A Intersection Improvement (new estimate needed)			\$1,200,000	
	Truro, Bicycle Accomodation Improvements on Route 6			\$500,000	
	Various other maintenance projects			varies	

FFY 2017-21 MPO Highway Project Discussion: Currently Unprogrammed Projects

Project	Cost Estimate
• Bourne- Median Installation On Route 6 (Scenic Highway)	\$8,050,000
• Sandwich- Construction Of Shared Use Path Along Service Road From Route 130 To Chase Road	\$5,000,400
• Yarmouth- Intersection Improvements On Route 6 Ramps @ Union Street & Station Avenue	\$5,000,400
• Dennis- Corridor And Streetscape Improvements On Main Street (Route 28), From Uncle Barneys Road To Old Main Street (Phase 2)	\$4,500,000
• Dennis- Harwich- Resurfacing & Related Work On Route 6	\$2,461,059
• Barnstable- Intersection Improvements At Iyannough Road (Route 132) And Main Street (Route 6A)	\$1,200,000 (Old estimate)
• Truro- Bicycle Accommodation Improvements On Route 6	\$500,000
• Various maintenance projects	varies

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Cape Cod 2016-19 TIP: Statewide Program Highway Projects

FFY	Project	Estimated Cost
2017	Yarmouth-Barnstable, Cape Cod Rail Trail Extension	\$8,100,000
2017	Harwich-Brewster-Orleans, Route 6 Resurfacing	\$7,026,614

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Discussion of Transit Funding and Programs

CCJTC and Cape Cod MPO
preliminary discussions

March & April 2016 meetings

CCJTC review of draft and
recommendation

May 13, 2016

Cape Cod MPO review and
potential vote to release draft

May 16, 2016

30-Day Public Comment Period

May 16, 2016 – June 15, 2016

[Includes June 10, 2016 CCJTC Meeting]

Cape Cod MPO review and
potential vote to approve

June 20, 2016

Cape Cod FFY 2017-2021 Transportation Improvement Program (TIP) Development Schedule

THANK YOU

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